

ABSTRACT OF THE DISCLOSURE

A field emission display has a cathode, an emitter formed on the cathode, and an anode spaced apart from the cathode with a predetermined distance while interposing the emitter. The emitter includes an electron emission member having a longitudinal dimension, and an alignment member for aligning the electron emission member. The alignment member is formed with a magnetic material. The electron emission member is aligned by the alignment member such that the longitudinal dimension of the electron emission member is vertically extended from the cathode toward the anode. The electron emission member may be formed with carbon fibers or graphite particles. The magnetic material is coated on the surface of the carbon fibers or incorporated into the internal structure of the carbon fibers.